



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1623/1#

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Applicant: Erika Hawkins et al.

INVENT & TRADEMARK OFFICE  
TITLE: METHOD FOR INCREASING LUMINESCENCE ASSAY SENSITIVITY

Docket No.: 341.014US1

Serial No.: 09/590,884

Filed: June 9, 2000

Due Date: July 24, 2001

Examiner: Mahreen Chaudhry

Group Art Unit: 1623

Commissioner for Patents  
Washington, D.C. 20231

We are transmitting herewith the following attached items (as indicated with an "X"):

- X A return postcard.
- X An Amendment and Response (14 Pages).
- X Petition for Extension of Time (1 pg.)
- X A check in the amount of \$390.00 to cover the Extension of Time Fee.
- X A check in the amount of \$1816.00 to cover the fee for additional claims as calculated below.
- X Clean Version of Specification Paragraph (1 pg.).
- X Clean Version of Pending Claims (13 pgs.).

If an additional fee is required due to changes to the claims, the fee has been calculated as follows:

CLAIMS AS AMENDED						
	(1) Claims Remaining After Amendment		(2) Highest Number Previously Paid For	(3) Present Extra	Rate	Fee
TOTAL CLAIMS	169	-	77	92	x 18 =	\$1,656.00
INDEPENDENT CLAIMS	8	-	6	2	x 30 =	\$160.00
[ ] MULTIPLE DEPENDENT CLAIMS PRESENTED						\$0.00
TOTAL						\$1816.00

Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By:   
Atty: Gary J. Speier  
Reg. No. 45,458

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on this 27 day of August, 2001.

Name

Signature

Customer Number 21186

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
(GENERAL)

P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

S/N 09/590,884

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PATENT

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Title: METHOD FOR INCREASING LUMINESCENCE ASSAY SENSITIVITY



**AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111**

Commissioner for Patents  
Washington, D.C. 20231

Applicant has reviewed the Office Action mailed on April 24, 2001. Please amend the above-identified patent application as follows.

**In the Specification**

At the top of page 25, please replace the last five entries of Table 1 as follows.

9	30	B4	2.5	No effect
9	100	B4	3	Increased 4.7 fold
1[2]1	30	B3	2	No Effect
1[2]1	30	B4	2.3	Increased 1.5 fold
1[2]1	100	B4	3.7	Increased 1.8 fold

08/30/2001 CNGUYEN 00000073 09590884

01 FC:102  
02 FC:103

160.00 DP  
1656.00 DP

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N/A

Please add the enclosed Abstract (page 40) to the specification.

**In the Claims**

Please substitute the claim set in the appendix entitled "Clean Version of Pending Claims" for the previously pending claim set. Specific amendments to individual claims are detailed in the following marked-up set of claims.

Please amend claims 1, 3, and 15 as follows, and add new claims 35-75.

1. (Amended) A method for increasing the sensitivity of a bio-luminescent assay comprising